

SOUTHWEST

Green Line LRT Extension



SWLRT Business Advisory Committee

October 10, 2012



EDEN PRAIRIE | MINNETONKA | EDINA | HOPKINS | ST. LOUIS PARK | MINNEAPOLIS



Today's Topics

- Approval of Meeting Minutes
- SWLRT “101”
- LRT “101”
- Guides to Commenting on the DEIS
- Future Topics of Interest
- Member/Committee Reports
- Public Forum

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Green Line LRT Extension

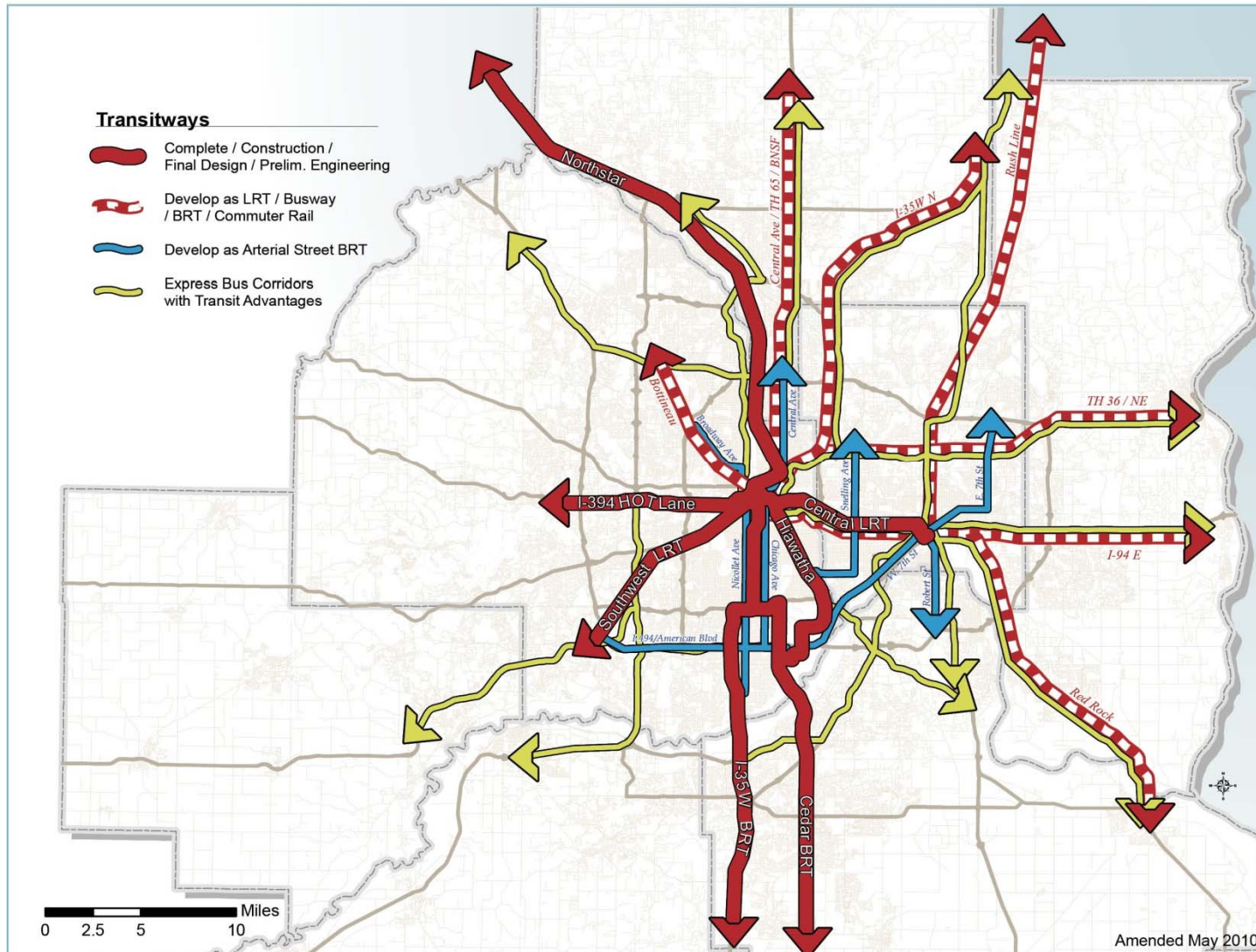


SWLRT “101”





2030 Regional Transitway Network

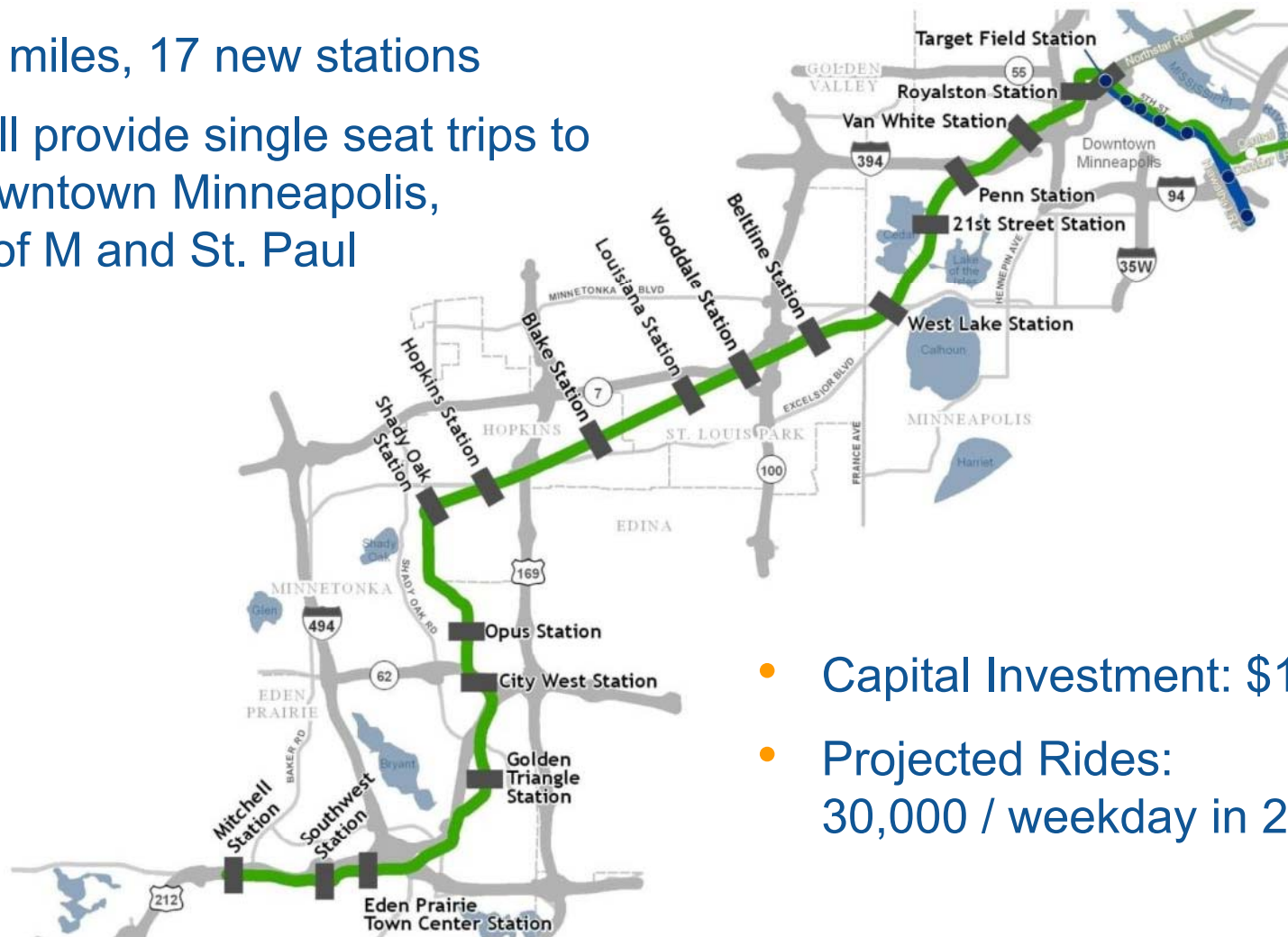




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Green Line LRT Extension

Locally Preferred Alternative (LPA) Route

- 15 miles, 17 new stations
- Will provide single seat trips to downtown Minneapolis, U of M and St. Paul



- Capital Investment: \$1.25 billion
- Projected Rides:
30,000 / weekday in 2030



Fares

Transit Mode	Fare
Light Rail Transit/Local Bus	\$1.75 \$2.25 (peak period)
Express Bus	\$2.25 \$3.00 (peak period)
Northstar Commuter Rail	\$3.00 - \$6.00 depending on station



LPA Design Features

- Park-and-Ride at 15 of 17 stations
 - 3,500 new park-and-ride spaces
- Primarily at-grade alignment
 - 10.7 miles exclusive ROW
 - 3.3 miles at grade track
 - 1.4 miles above grade track
 - 0.2 miles below grade track
- Road, rail, and trail crossings
 - 21 at-grade-crossings of roadways
 - 3 at-grade-crossings of trails, 2 pedestrian underpasses
 - 9 new bridges, 3 replaced bridges
 - 3 new tunnels



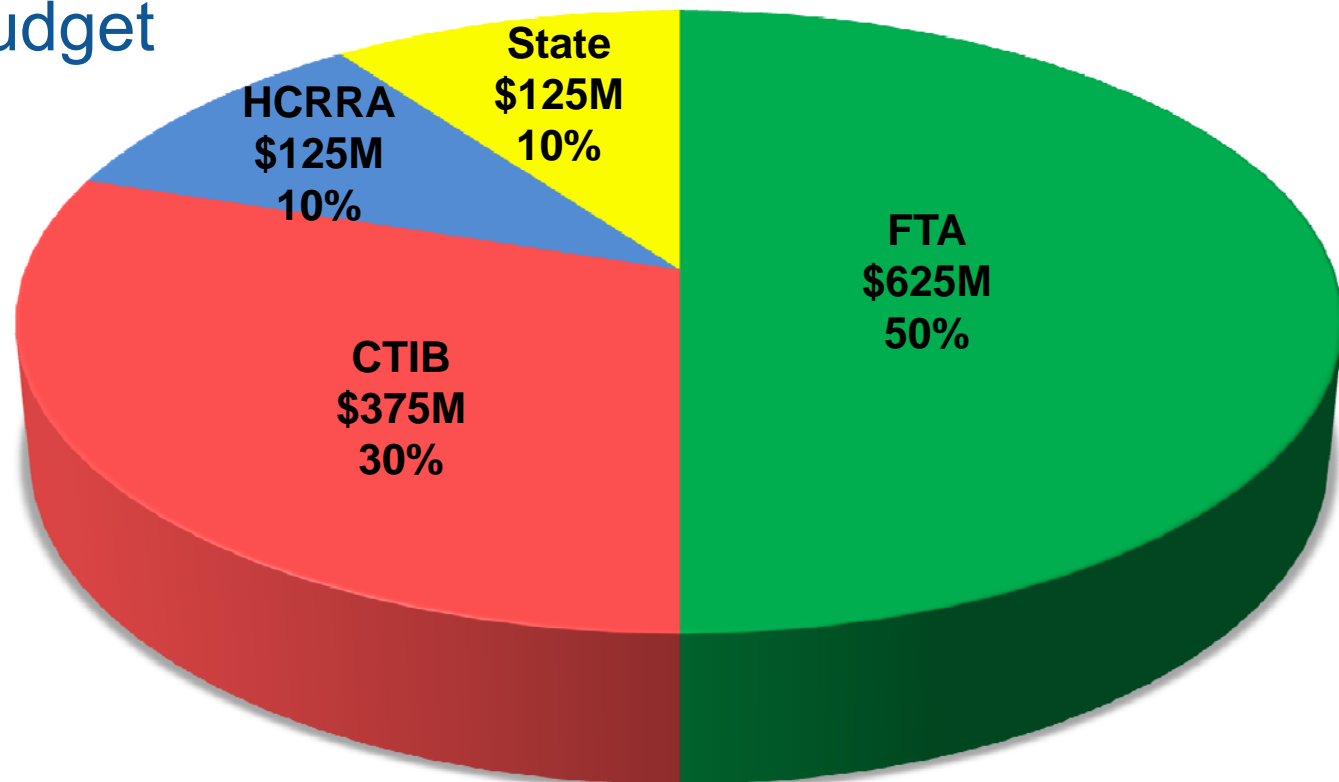
SWLRT Project Phases

2002 – 2005	Feasibility Studies
2005 – 2010	Alternatives Analysis
2010 – 2011	Pre-Preliminary Engineering
2011 – 2014	Preliminary Engineering
2014	Record of Decision (ROD)
2014 – 2015	Final Design
2015	Full Funding Grant Agreement (FFGA)
2015 – 2017	Construction
2018	Revenue Operation



SWLRT Project Funding

- \$1.25 Billion project budget





Local Funding Status

<u>Type</u>	<u>Year</u>	<u>Amount</u>
CTIB	2010	\$7,000,000
	2011	\$12,200,000
	2012	\$13,562,000
HCRRA	2010	\$3,150,000
	2011	\$3,250,000
	2012	\$2,900,000
State	2009	\$5,000,000
	2012	\$2,000,000
Total		\$49,062,000



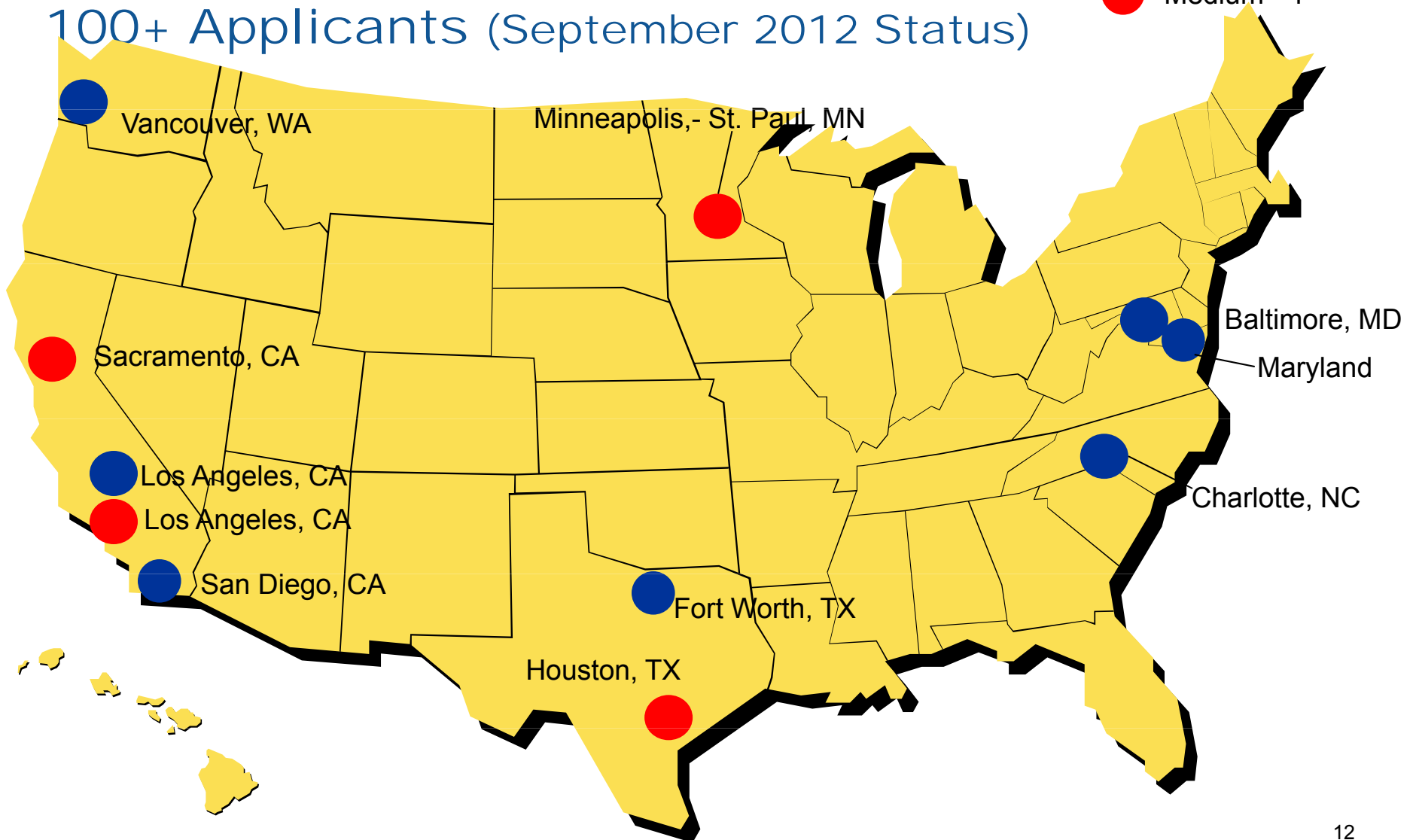
FTA “New Starts” Process





Peer "New Starts" PE Projects out of 100+ Applicants (September 2012 Status)

- Medium-High - 7
- Medium - 4





SWLRT New Starts Project Rating

Local Financial Commitment	Medium
New Starts Share	Medium
Capital Plan	Medium
Operating Plan	Medium High
Project Justification	Medium
Environmental Benefits	Medium
Operating Effectiveness	Medium
Mobility Improvements	Medium
Cost Effectiveness	Medium-Low
Economic Development	Medium-High
Land Use	Medium
Overall Project Rating	Medium



What is Preliminary Engineering?

- Refines LPA's definitions
 - Scope, schedule, and budget
- Brings to level sufficient for final federal/state environmental review
 - National Environmental Policy Act (NEPA)
 - Minnesota Environmental Policy Act (MEPA)
 - Identify impacts, make provision for mitigation
- All major or critical project elements
 - Design to level that clearly defines location of track, stations and structures



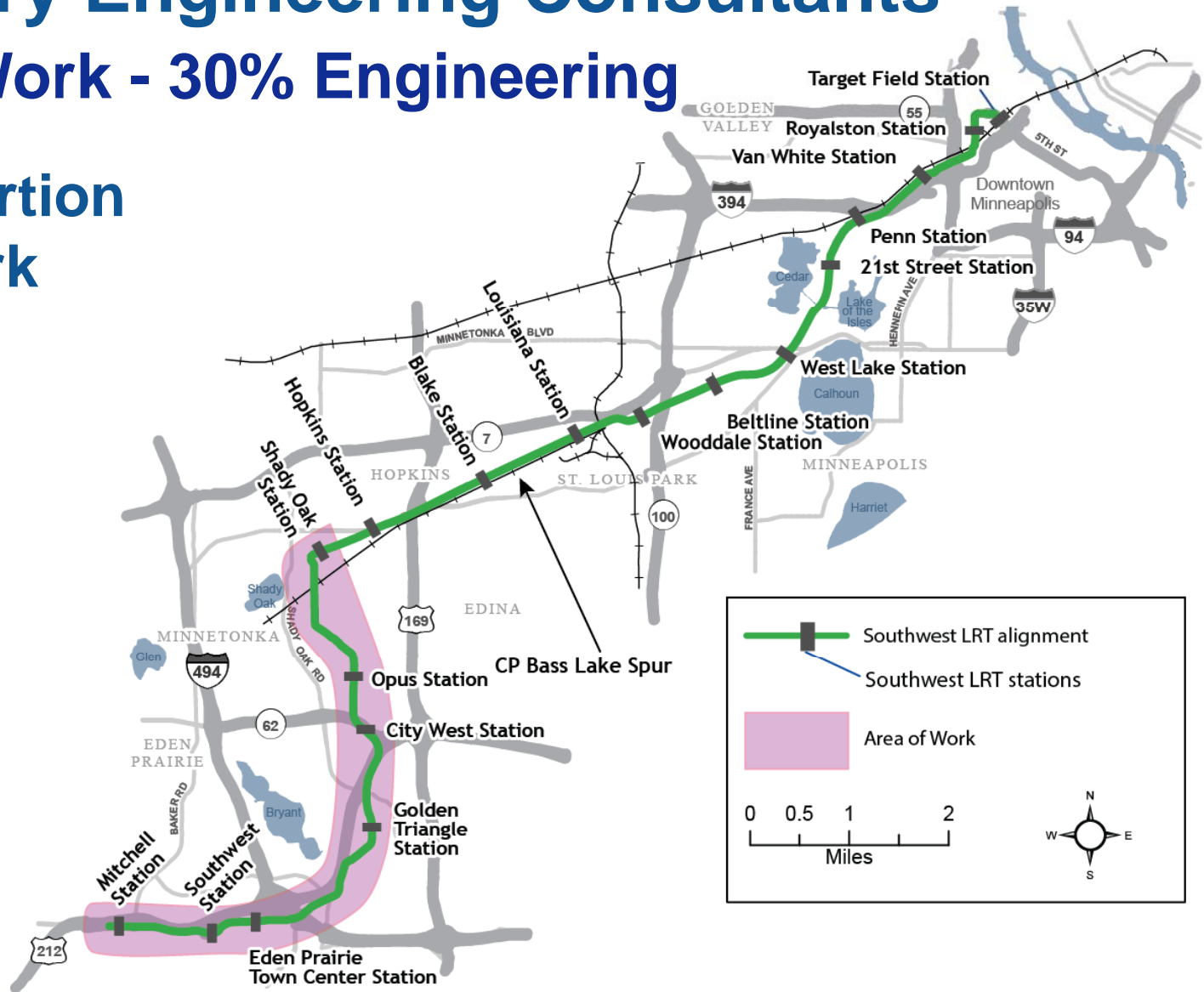
Products of Preliminary Engineering

- Final scope
 - Design and engineering at 30% level
- Project Management Plan
- Capital and Operating Financial Plan
 - Local funding partner commitments
 - Contingency Management Plan
- Meet Federal Rating Guidelines
 - Project justification rating
 - Financial rating



Preliminary Engineering Consultants Scope of Work - 30% Engineering

Western Portion Area of Work

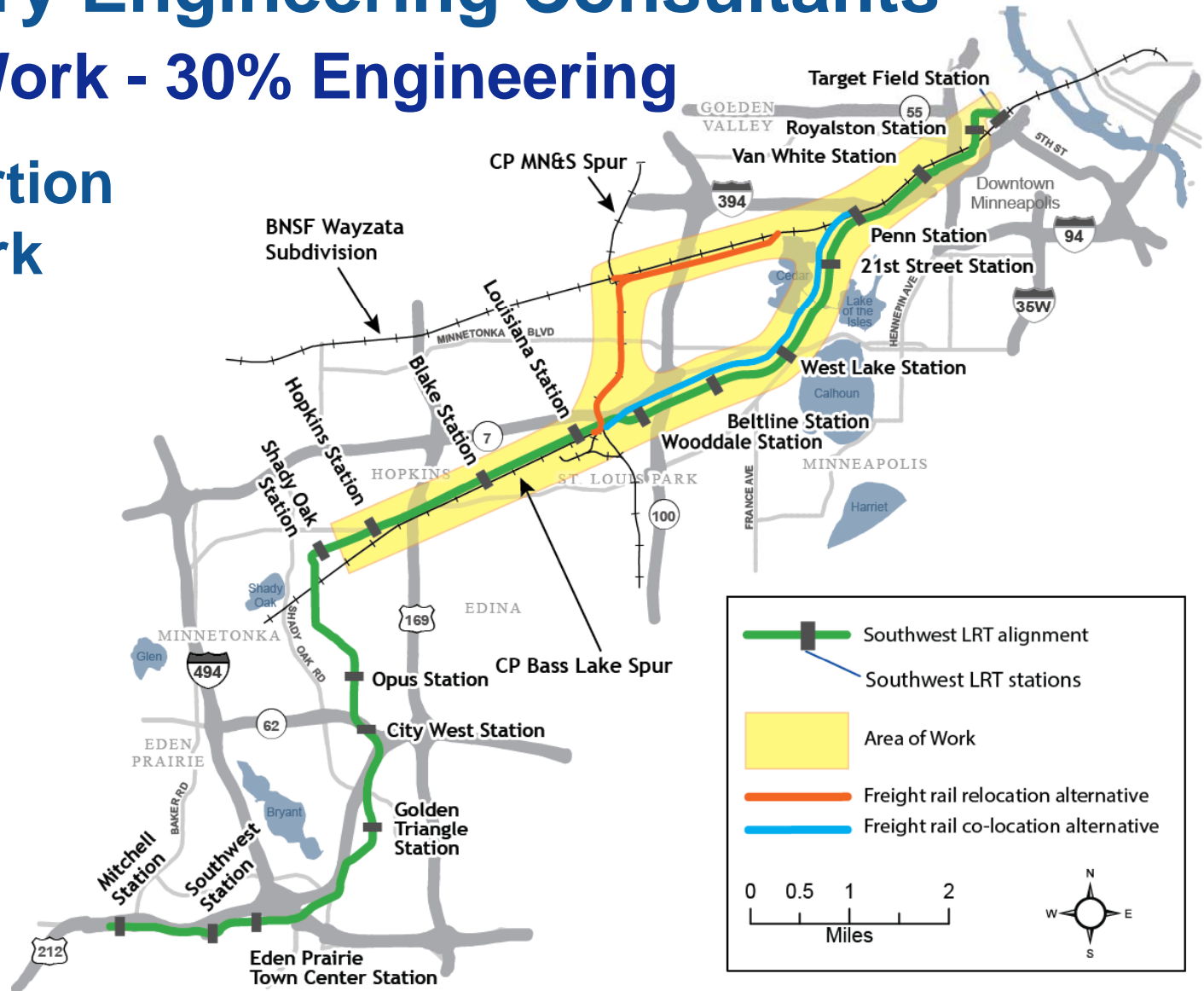




Preliminary Engineering Consultants

Scope of Work - 30% Engineering

Eastern Portion Area of Work





Preliminary Engineering Consultants Procurement Schedule

Advertise RFPs	8/17/12
Pre-proposal conference	9/6/12
Response to proposer questions	9/13/12
Proposals due	10/2/12
Interview proposers	Oct/Nov 2012
Proposal evaluations/negotiations	Nov/Dec 2012
Contract Award / Notice to Proceed	Dec 2012 / Jan 2013

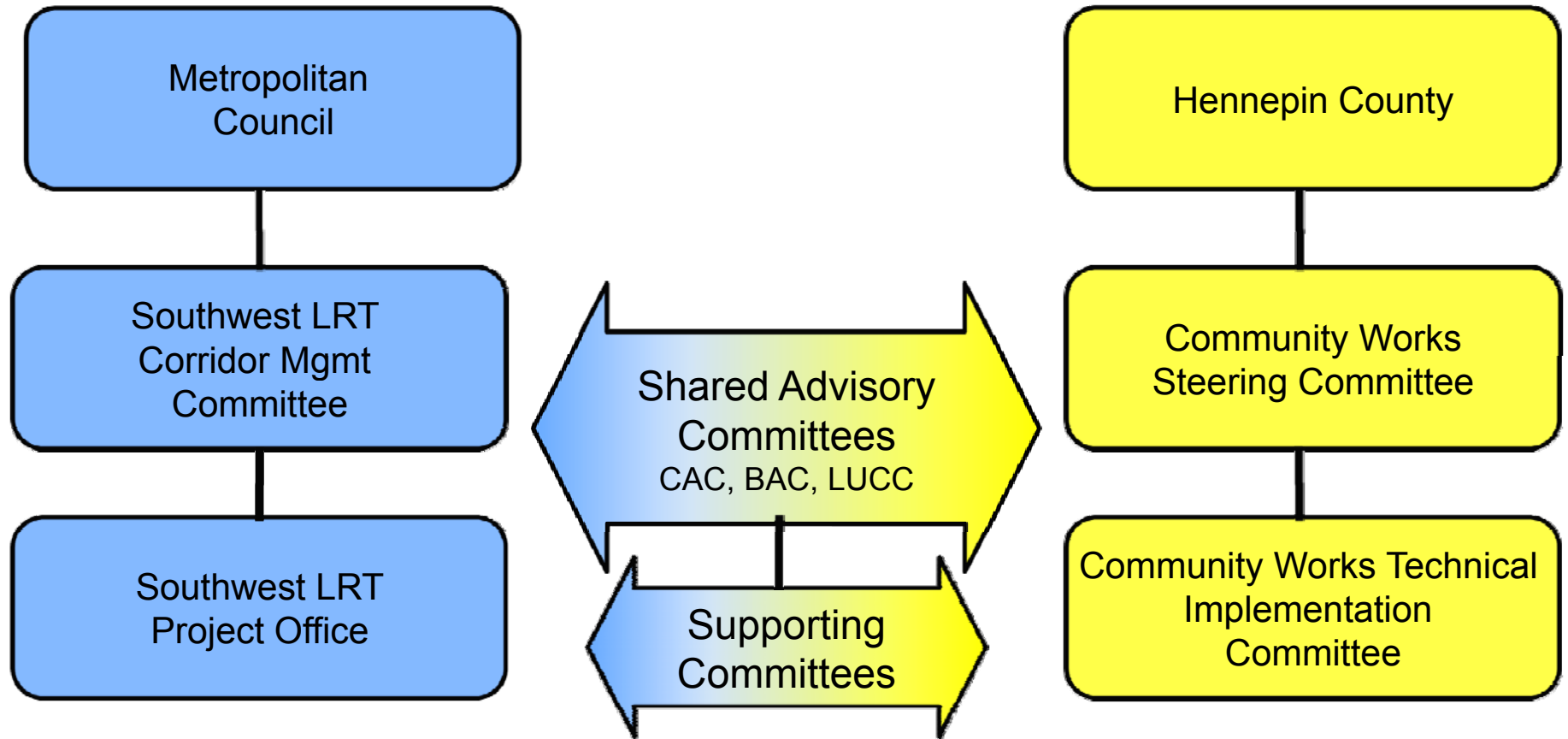


SWLRT Advisory Committees

- Management Committee
- Community Advisory Committee
- Business Advisory Committee
- Communication Steering Committee
- Land Use Coordinating Committee
- Acknowledges complimentary efforts of other advisory committees related to Community Works



Southwest LRT Committee Structure





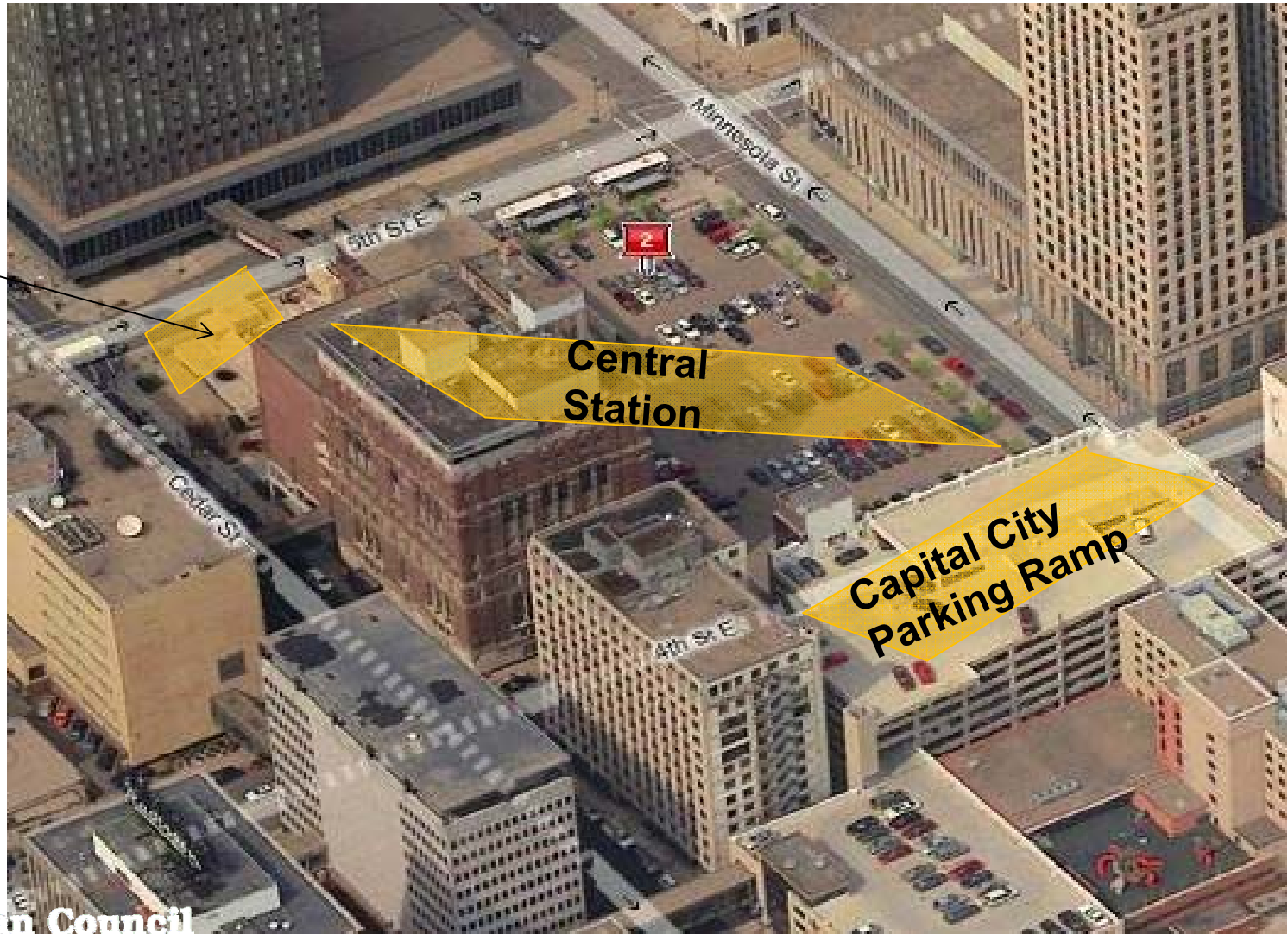
Advisory Committees' Purpose

- Serve as a voice for communities
- Advise policy committees
- Provide input on station location, design, and construction
- Provide input on station area vision
- Identify impacts related to LRT construction / operation
- Identify strategies to mitigate project impacts
- Serve as information resource and liaison



Location of TPSS 12

Original TPSS #12 Location





LRT “101”





Station Design





Stations: Center Platform





Stations: Side Platform





Stations: Safety Features





Stations: Access, ADA Compliant Ramps and Handrails





Stations: Kiosk Map & Schedule





Stations: Smart Card Validator & Ticket Vending Machine



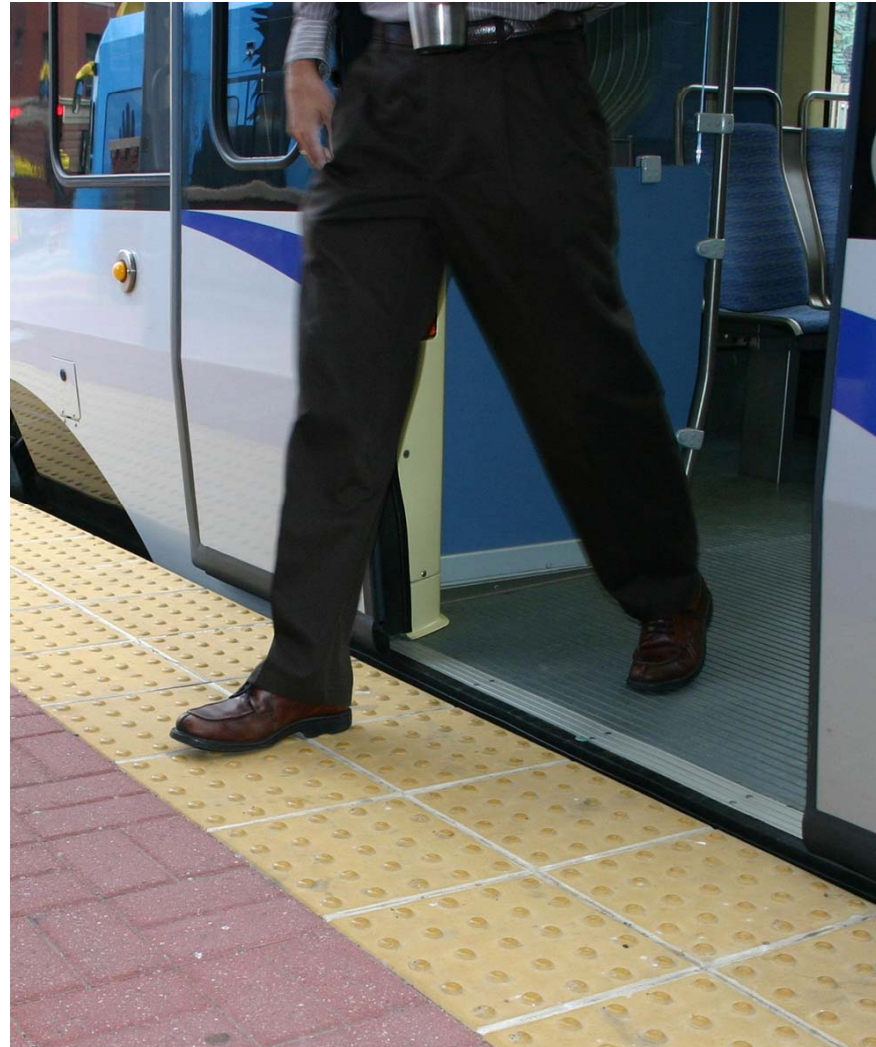


Stations: Variable Message Sign





Stations: Tactile edge





Stations: Lighting





Track Design

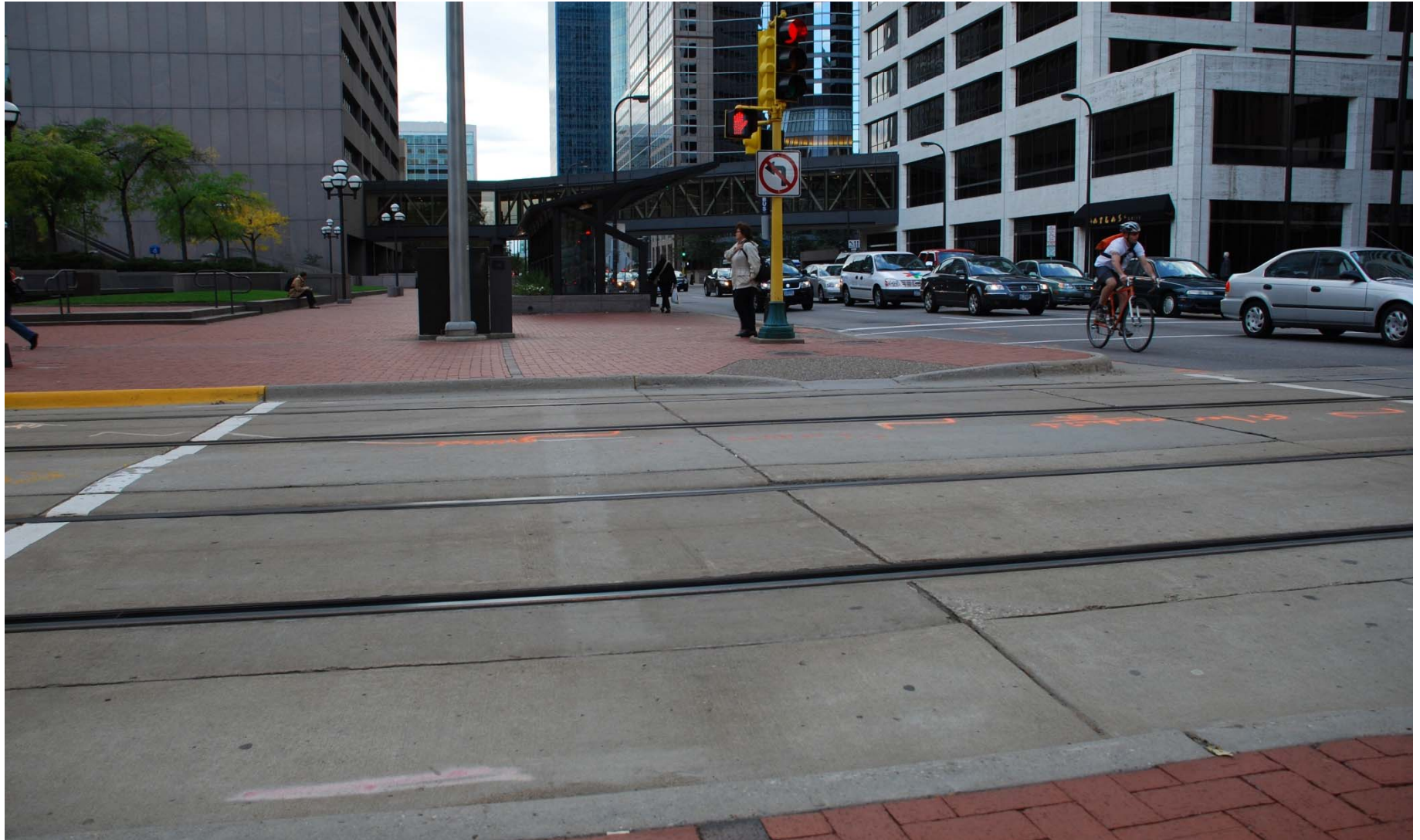


Track: Ballasted





Track: Embedded





Track: Direct Fixation





Track: Special Track Work





Systems

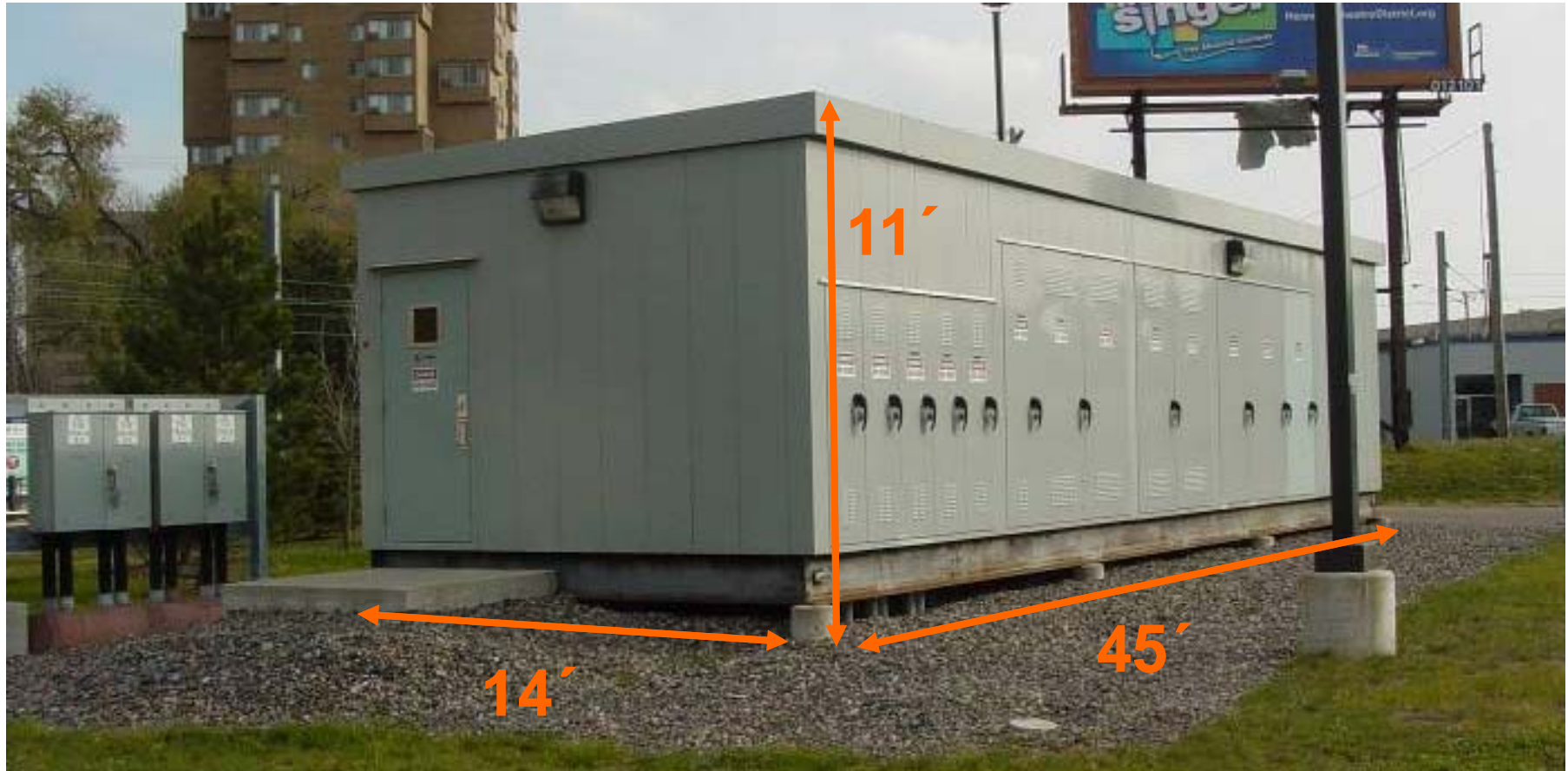


Systems: Overhead Catenary System, Pole & Cables





Systems: Traction Power Substation



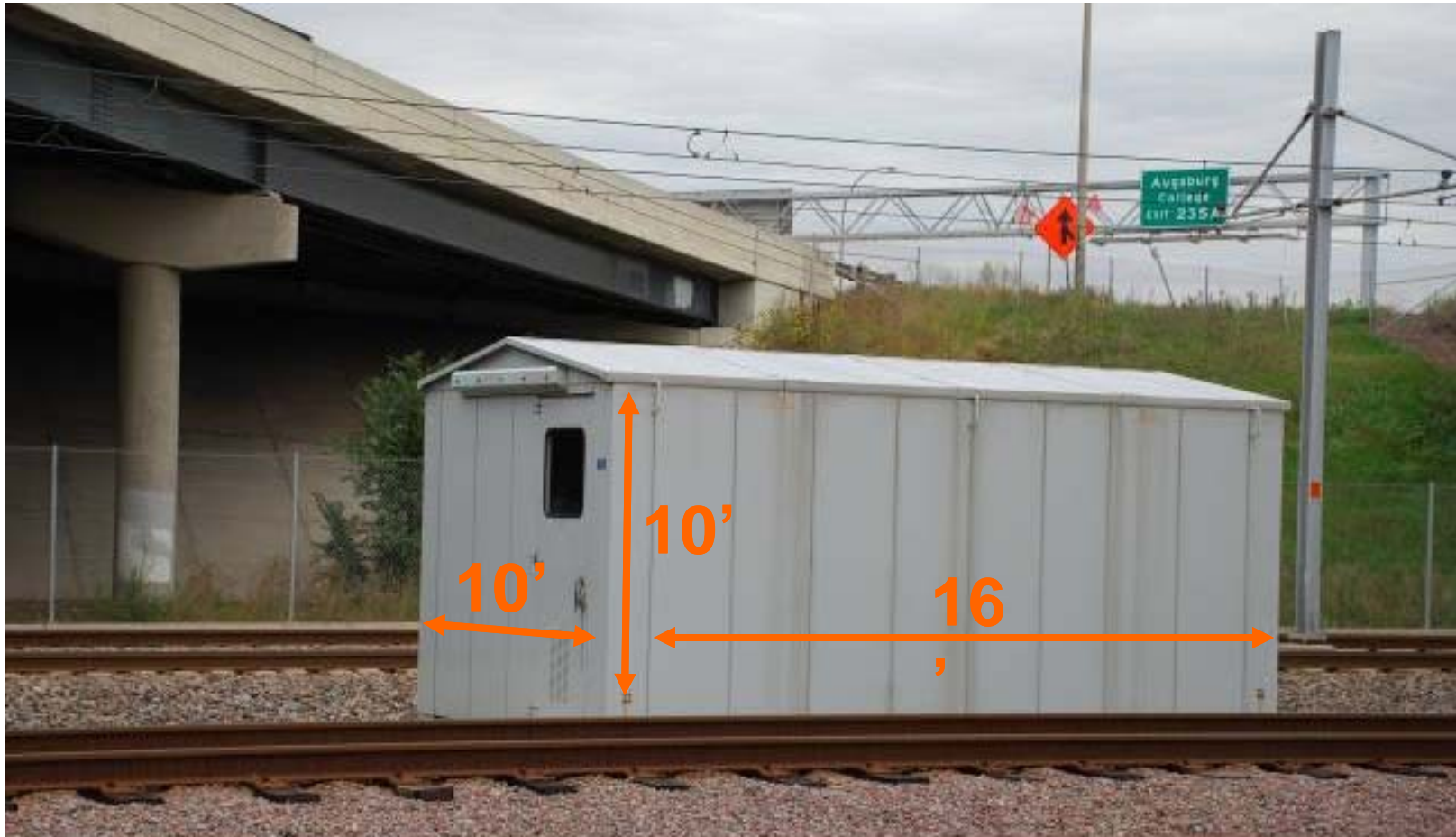


Systems: Traction Power Substation





Systems: Signal Bungalow





Systems: Signal Bungalow (Interior)





Systems: Train Signals





Operations & Maintenance Facility



Franklin Operations & Maintenance Facility





Operations & Maintenance Facility





Light Rail Vehicles

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Green Line LRT Extension



Light Rail Vehicles: Two-car Train





Light Rail Vehicles

- Seating for 66 passengers
- Standing room for an additional 70 passengers





Light Rail Vehicles: Wheelchair/mobility device accommodations





Light Rail Vehicles: Bicycle Hangers





Guides To Commenting on the DEIS



DEIS Update: Comment Period

- Current schedule reflects 60-day comment period ending 12/11/12
- Comment clock starts when the Notice of Availability is published in the Federal Register
- Intended for the public as well as public agencies



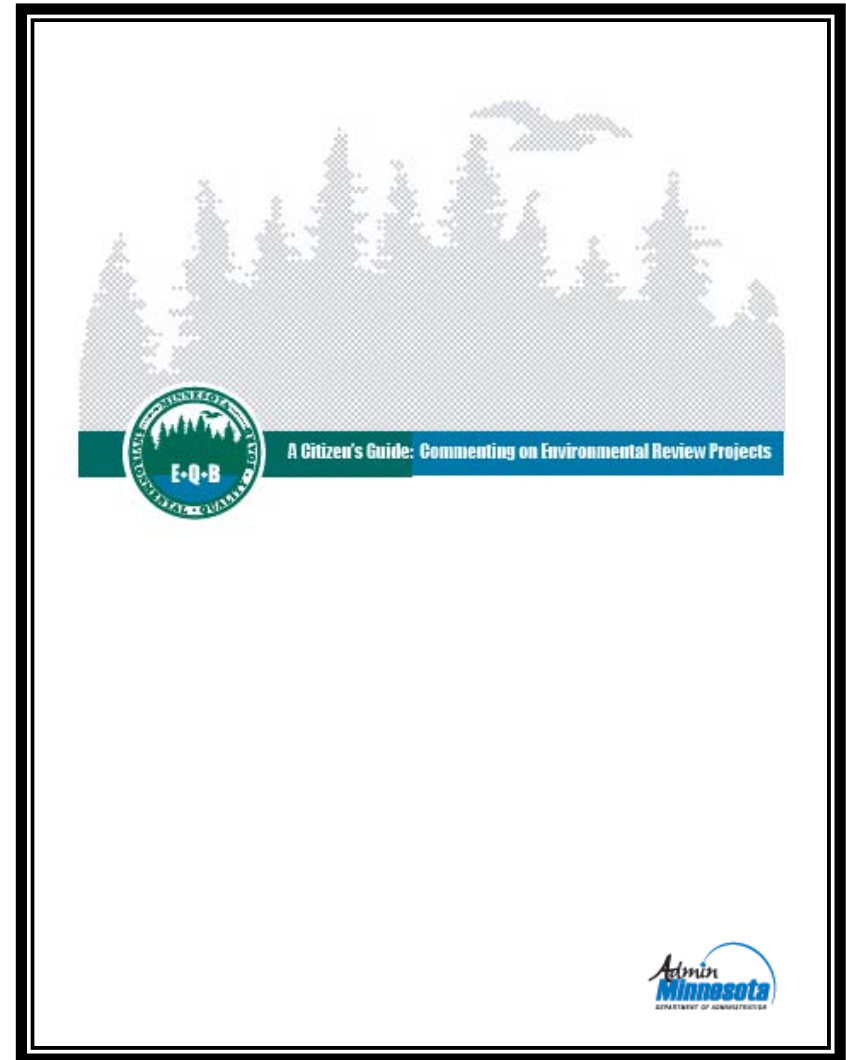
DEIS Update: Public Hearing dates/locations

- 11/13/12, Hennepin County Government Center, 300 Sixth Street, Room A-2400, Public Service Level (Skyway Level)
 - *4:30 PM, Formal Public Hearing
 - 11/14/12, St. Louis Park City Hall, 5005 Minnetonka Blvd.
 - *6:00 PM, Formal Public Hearing
 - 11/29/12, Eden Prairie City Hall, 8080 Mitchell Road
 - *6:00 PM, Formal Public Hearing
- *An Open House is scheduled prior to each Public Hearing**



DEIS Comment Guides

- Environmental Quality Board's A Citizens Guide: Commenting on Environmental Review Project
- Electronic copies available at:
www.southwesttransitway.org/project-progress-past-a-future.html





DEIS Comment Guides

- Electronic copies available at swlrt.org
- Details:
 - Topics covered by the DEIS
 - Hard copy availability for public review
 - How and where to send comments
 - Public hearing dates/times
 - Translation/ADA accommodations



Guide to Commenting on the Draft Environmental Impact Statement (DEIS)

Federal and state environmental rules require that an Environmental Impact Statement (EIS) be prepared for the proposed Southwest Transitway project. The EIS process includes the preparation of a Draft Environmental Impact Statement (DEIS), which must be made available for public review and comment.

The DEIS discusses: (1) the purpose and need for the project; (2) the alternatives considered; (3) the impacts of these alternatives; and (4) the agencies and persons consulted.

Comments on the DEIS will be accepted through December 11, 2012. Comments on the DEIS may be submitted through email, mail, or in person at one of the public hearings that will be held specifically for that purpose. To learn more about ways to comment on the DEIS, see "How to Comment on the DEIS."

Public hearings on the DEIS will be held in November 2012. To learn more about the hearings, see "Public Hearings."

Obtaining a Copy of the DEIS

The DEIS is available from Hennepin County's Southwest Transitway website at: <http://www.southwesttransitway.org>

Printed copies of the DEIS are available for public review at several locations:

Hennepin County Housing, Community Works & Transit 701 Fourth Avenue South, Suite 400 Minneapolis	Southwest LRT Project Office 6465 Wayzata Boulevard, Suite 500 St. Louis Park
City Halls Minneapolis: 350 South Fifth Street St. Louis Park: 5005 Minnetonka Boulevard Hopkins: 1010 First Street South Edina: 4801 West 50th Street Minnetonka: 14600 Minnetonka Boulevard Eden Prairie: 8080 Mitchell Road	Libraries Central: 300 Nicollet Mall, Minneapolis Eden Prairie: 565 Prairie Center Drive Edina: 5280 Grandview Square Franklin: 1314 East Franklin Avenue, Minneapolis Hopkins: 22 Elovon Avenue North Minnetonka: 17524 Excelsior Boulevard Sumner: 611 Van White Memorial Blvd., Minneapolis St. Louis Park: 2240 Library Lane



Next Steps

- Hennepin County collects comments
- Following the close of the comment period, Hennepin County will turn over all the comments received to the Met Council
- The Federal Transit Administration (FTA) and the Met Council will consider all comments submitted and provide responses to substantive comments during the Final Environmental Impact Statement (FEIS)



Topics of Interest/Future Meeting Input

- Identify areas of interest to assist BAC discussions
- Prioritize topics for future meeting planning
- For example, CAC topics of interests:
 - Trails, parks and bicycle impacts
 - Station location and station area plans/transit oriented development
 - Bus and other transit connections to SWLRT
- Electronic Poll
 - Results to be shared in aggregate at next BAC meeting



Member and Committee Reports; Public Forum

- SWLRT Corridor Management Committee (swlrt.org)
 - October 3 meeting cancelled
 - Next scheduled meeting: November 7
- SWLRT Community Advisory Committee (swlrt.org)
 - October 11: Station Profiles, DEIS Update
- Community Works Steering Committee (southwesttransitway.org)
 - October 18: St. Louis Park City Hall, 1:30 – 3:00 PM: **meeting cancelled**



More Information



Website: www.swlrt.org

Email: swlrt@metrotransit.org